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AN ISO 9001 : 2008 COMPANY &NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005
4, 7TH MAIN MALLESWARAM, BANGALORE -3

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Date: 23/07/2019

Lab ID	:	CP-2019-11-11-13
Customer	:	Assistant Executive Engineer, Yelahanka Sub Division, BBMP, Bangalore.
Address	:	Yelahanka Sub Division, BBMP, Bangalore.
Project Name	:	Construction of Culverts in Maruthinagar Layout Cross Roads in Kempegowda Ward No-01.
Agency	:	Sri.H.S.Prakash, No.392, 7th Main Road, ITI Layout, Nagarbhavi, 2nd Stage, Near Viswavidalaya, Bangalore.
Customer's Reference	:	EE(YNK.D)E-PMT-09/WO/34/2019-20
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	18-07-2019
Customer ID	:	Drain Side Wall Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M20 / 7 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	23/07/2019

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Side Wall Concrete	M20	16/07/2019	23/07/2019	149.48 X 149.10 X 149.11	22288	**8.135**	410.5	18.4	18.3
2	Drain Side Wall Concrete	M20	16/07/2019	23/07/2019	149.17 X 150.97 X 149.75	22520	**8.669**	419.1	18.6	
3	Drain Side Wall Concrete	M20	16/07/2019	23/07/2019	149.43 X 151.63 X 150.71	22658	**8.742**	408.2	18.0	

Note:
The results pertain to the samples received and tested.
All information furnished by Customer/Representative
Any correction in the report will make this report invalid
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Samples will be disposed after 90 days from the date of issue of test certificate

A.E.E

CIVIL Pro Sig..... Date..... BANGALORE

FOR CIVIL Pro.

R RUDRAPRASAD
Authorized Signatory
Technical Manager

****End of Report****

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4, 7TH MAIN MALLESWARAM, BANGALORE -3

Format No: CP/TF/01

TEST REPORT OF PRECAST COVER SLAB

Date: 17-07-2019

Lab ID	:	CP-2019-11-11-13
Customer	:	Assistant Executive Engineer, Yelahanka Sub Division, BBMP, Bangalore.
Address	:	Yelahanka Sub Division, BBMP, Bangalore.
Project Name	:	Construction of Culverts in Maruthinagar Layout Cross Roads in Kempegowda Ward No-01.
Agency	:	Sri.H.S.Prakash, No.392, 7th Main Road, ITI Layout, Nagarbhavi, 2nd Stage, Near Viswavidalaya, Bangalore.
Customer's Reference	:	EE(YNK.D)E-PMT-09/WO/34/2019-20
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	13-07-2019
Sample Type /Size	:	Precast Cover Slab(250mm)
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete
Date of test	:	13/07/2019

Sl. No.	Identification Mark	Diameter of the core	Height of the core	Weight of the core	Area	Failure Load	Core Compressive strength	Corrected Cylinder Compressive strength	Equivalent Cube Compressive strength
		(mm)	(mm)	(kg)	(Sq.mm)	(KN)	(N/mm^2)	(N/mm^2)	(N/mm^2)
1	Cover Slab-1	200.51	250.48	3.116	31570	240.9	7.6	7.1	8.9
2	Cover Slab-2	200.49	250.52	3.122	31564	242.3	7.7	7.1	8.9
3	Cover Slab-3	200.50	250.51	3.118	31567	241.5	7.7	7.1	8.9

Note:

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TEST REPORT OF PHYSICAL PROPERTIES OF CEMENT - 53 Grade

Date: 31-07-2019

Lab ID	:	CP-2019-11-11-13
Customer	:	Assistant Executive Engineer, Yelahanka Sub Division, BBMP, Bangalore.
Address	:	Yelahanka Sub Division, BBMP, Bangalore.
Project Name	:	Construction of Culverts in Maruthinagar Layout Cross Roads in Kempegowda Ward No-01.
Agency	:	Sri.H.S.Prakash, No.392, 7th Main Road, ITI Layout, Nagarbhavi, 2nd Stage, Near Viswavidalaya, Bangalore.
Customer's Reference	:	EE(YNK.D)E-PMT-09/WO/34/2019-20
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	02-07-2019
Sample Type	:	Birla Super 53grade
Reference to BIS codes	:	IS 12269 : 2013, 53 Grade Ordinary Portland cement Specification , IS 4031 Part 4, Determination of Consistency of Standard Cement Paste, Clause 5 IS 4031 Part 6, Determination of Compressive Strength, Clause 6
Date of test	:	03-07-2019
Environmental Conditions during test	:	Temperature: 26°C Humidity: 72%

Compressive Strength

Sl.No.	Physical properties	Results	Requirement as per IS 12269: 2013
1	3 Days	28.5N/mm^2	Not less than 27 N/mm^2
2	7 Days	39.0N/mm^2	Not less than 37 N/mm^2
3	28 Days	58.5N/mm^2	Not less than 53 N/mm^2

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Note:
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Technical Manager

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